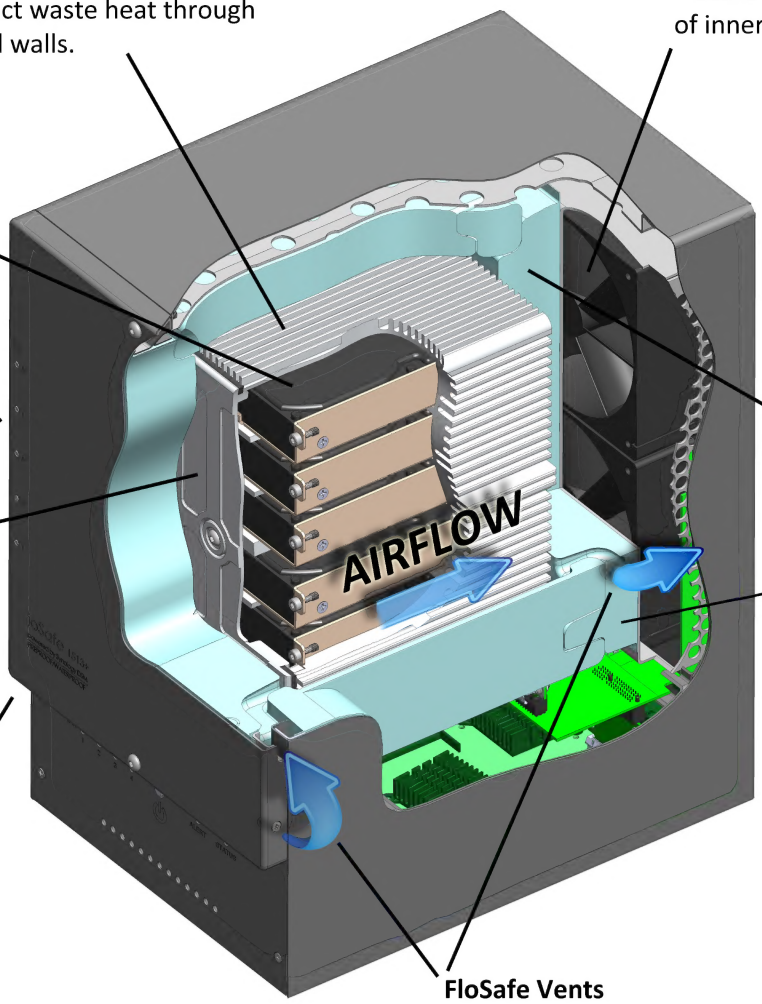
ioSafe 1515+ powered by Synology DSM

Disaster Protection Technology

HydroSafe
Drives sealed to protect against liquid damage yet conduct waste heat through finned walls.

Dual Fans
Hot swappable, field replaceable high flow fans pull air through FloSafe Vents and then across fins of inner HydroSafe chamber.

RAID
Redudant drives guard against individual drive failure. 5 drives standard. Expandable to 15 drives with optional expansion



DataCast Fireproof Insulation
Non-toxic and waterbased insulation. Chemically bound water molecules, which never "dry out" during normal use, convert to steam during a fire. Endothermic cooling action of the steam work to keep the inner chamber cool despite outer temperatures over 1500°F. Like a pot of water boiling on the stove, as long as water is present, the pot doesn't melt from the fire as it's limited to the boiling point of water.

Outer Fireproof Door
Inner Waterproof Door
Drives are hot swappable and replaced by removing these two layers of protection.

All Steel Construction
All outer layers are made from steel to retain integrity during extreme fire conditions

FloSafe Vents
Engineering vents are specifically sized to provide sufficient cooling during normal operation. A labyrinth design prohibits radiant fire entergy from reaching the internal drive with a direct line of sight. During a fire, steam from the DataCast is forced out the vents to effectively block all damaging heat as the net flow of gas is always outward. Elegant and reliable, protection is accomplished with no moving parts, actuators or electrical power.

powered by Synology® DSM

NAS - Private Cloud - Disaster Recovery In-a-box
Powered by the Synology DSM platform, all data accessed through WAN or LAN from virutally any device. 100% Privacy and Control combined with best of class disaster protection. Dramatically improves recovery times for up to 90TB using 6TB drives.